

## ABSTRACT OF THE DISCLOSURE

A system for recovering from ground bounce during a boundary scan test is disclosed that includes operationally transitioning a Test Access Port controller from any of at least three undetermined controller states induced by the ground bounce to a determined controller state. The undetermined controller states may be selected from an UPDATE state, a RUN-TEST/IDLE state, a SELECT-DR-SCAN state, and a CAPTURE-DR state. The determined controller state can be the UPDATE-DR. Once in the determined controller state, the Test Access Port controller may also be operationally transitioned from an undetermined data state to a determined data state.

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